

STN 2nd Search with Space Group!

FILE 'HOME' ENTERED AT 08:46:09 ON 13 MAR 2006

=> file caplus

=> s protien

L1 3-PROTIEN

=> s protein

L2 1843496 PROTEIN

=> s ?crystal?

L3 1808886 ?CRYSTAL?

=> s L2 and L3

L4 52399 L2 AND L3

=> s L4 and (unit cell dimension#)

396021 UNIT

2028059 CELL

167425 DIMENSION#

5829 UNIT CELL DIMENSION#

(UNIT(W)CELL(W)DIMENSION#)

L5 650 L4 AND (UNIT CELL DIMENSION#)

=> s L5 and 88

174471 88

L6 25 L5 AND 88

=> s L5 and P4122

96 P4122

L7 6 L5 AND P4122

=> d L7 1-6

L7 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2001:774831 CAPLUS

DN 136:81470

TI Crystal structure of an RNA duplex r(gugucgcac)2 with uridine bulges

AU Xiong, Yong; Deng, Junpeng; Sudarsanakumar, Chellappanpillai; Sundaralingam, Muttaiya

CS Departments of Chemistry, Biochemistry, and Biophysics Program, The Ohio State University Biological Macromolecular Structure Center, Columbus, OH, 43210, USA

SO Journal of Molecular Biology (2001), 313(3), 573-582

CODEN: JMOBAK; ISSN: 0022-2836

PB Academic Press

DT Journal

LA English

RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1999:751227 CAPLUS

DN 132:32659

TI Purification, crystallization and preliminary

P4(1)22

$a = b = 47.18 \text{ \AA}$

$c = 80.04 \text{ \AA}$

crystallographic studies on the N-terminal fragment of human
protein disulfide isomerase

AU Wang, Xin-Quan; Gui, Lu-Lu; Dai, Yong; Wang, Chih-Chen; Chang, Wen-Rui;
Liang, Dong-Cai

CS Institute of Biophysics, Academia Sinica, National Laboratory of
Biomacromolecules, Beijing, 100101, Peop. Rep. China

SO Acta Crystallographica, Section D: Biological Crystallography (1999),
D55(11), 1958-1960

CODEN: ABCRE6; ISSN: 0907-4449

PB Munksgaard International Publishers Ltd.

DT Journal

LA English

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1997:671596 CAPLUS

DN 127:328024

TI Cloning, expression, and crystallization of a hyperthermophilic
protein that is homologous to the eukaryotic translation
initiation factor, eIF5A

AU Kim, Kyeong Kyu; Yokota, Hisao; Kim, Rosalind; Kim, Sung-Hou

CS Structural Biology Division of Lawrence Berkeley National Laboratory and
Department of Chemistry, University of California, Berkeley, CA, 94720,
USA

SO Protein Science (1997), 6(10), 2268-2270

CODEN: PRCIEI; ISSN: 0961-8368

PB Cambridge University Press

DT Journal

LA English

RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1996:528513 CAPLUS

DN 125:161595

TI Expression and crystallization of the yeast Hsp82 chaperone, and
preliminary x-ray diffraction studies of the amino-terminal domain

AU Prodromou, Christomos; Piper, Peter W.; Pearl, Laurence H.

CS Dep. Biochem. Mol. Bio., Univ. Coll. London, London, WC1E 6BT, UK

SO Proteins: Structure, Function, and Genetics (1996), 25(4), 517-522

CODEN: PSFGEY; ISSN: 0887-3585

PB Wiley-Liss

DT Journal

LA English

L7 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1982:558359 CAPLUS

DN 97:158359

TI Crystallographic study of the large tryptic fragments of
elongation factor G from Escherichia coli

AU Reshetnikova, L. S.; Garber, M. B.; Fomenkova, N. P.; Nikonov, S. V.;
Chirgadze, Yu. N.

CS Inst. Protein Res., Poustchino, USSR

SO Journal of Molecular Biology (1982), 160(1), 127-32

CODEN: JMOBAK; ISSN: 0022-2836

DT Journal

LA English

$$\begin{aligned} a &= 81.5 \text{ \AA} \\ b &=? \\ c &= 259.7 \text{ \AA} \end{aligned}$$

$$\begin{aligned} a &= b = 45.52 \text{ \AA} \\ c &= 155.59 \text{ \AA} \end{aligned}$$

$$\begin{aligned} a &= 75.1 \text{ \AA} \\ c &= 111.3 \text{ \AA} \end{aligned}$$

$$\begin{aligned} \cancel{a} &= \cancel{b} = \cancel{76.7 \text{ \AA}} \\ \cancel{c} &= \cancel{191.6 \text{ \AA}} \\ a &= b = 77.1 \text{ \AA} \\ c &= 75.0 \text{ \AA} \end{aligned}$$

L7 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1971:505366 CAPLUS
DN 75:105366
TI Symmetry, molecular weight; and crystallographic data for sweet
potato .beta.-amylase
AU Colman, P. M.; Matthews, B. W.
CS Inst. Mol. Biol., Univ. Oregon, Eugene, OR, USA
SO Journal of Molecular Biology (1971), 60(1), 163-8
CODEN: JMOBAK; ISSN: 0022-2836
DT Journal
LA English

$$a = b = 210.7 \text{ \AA}$$
$$c = 159.0 \text{ \AA}$$